

Amendments to the claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

In the claims:

1-28. (Canceled)

29. (Currently amended) A method of differentiating a hematopoietic stem cell into a mature natural killer cell, comprising treating ~~premature natural killer cells~~ the hematopoietic stem cells with an effective amount of ferritin H chain (BC012314) ~~represented by SEQ ID NO:49~~ and IL-15 *in vitro*.

30-37. (Canceled)

38. (Currently amended) A method of differentiating a premature natural killer cell into a mature natural killer cell, comprising treating ~~to the~~ the premature natural killer cells, with an effective amount of ferritin H chain (BC012314) ~~represented by SEQ ID NO:49~~ and IL-15 *in vitro*.

39. (Canceled)